AMAX

2100 / 3000 / 4000

BOSCH

en User Guide

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1 Safety

Danger!

Electricity

Injuries due to electricity are possible if the system is not operated correctly or if the system is opened or modified.

- Never open or modify the system.
- Please contact your installer if you want to get your system modified.

Caution!

Sensitive components

Damage of sensitive components is possible if the system is not handled carefully or if the system is opened or modified.

- Always handle the system carefully.
- Never open or modify the system.
- Please contact your installer if you want to get your system modified.

2 Short information

2.1 Introduction

This User Guide contains information on how to operate the system easily and quickly. The guide describes the main steps required for operation of the AMAX panel 2100/3000/4000 together with a text and/or a LED/LCD keypad described in *Keypads, page 7*. It is possible to add an optional text keypad as a master keypad.
Detailed information about the installation of this and other modules and devices, advanced settings and programming can be found in the Installation Guide. Information on the main steps required for basic system installation and setup can be found in the Quick Start Guide.

2.2 Keypads

The following text keypad can be used for operating AMAX panel 2100/3000/4000.

IUI-AMAX4-TEXT

The following LED/LCD keypads can be used for operating AMAX panel 2100/3000/4000.

IUI-AMAX3-LED8	IUI-AMAX3-LED16

IUI-AMAX-LED8	IUI-AMAX-LCD8

Notice!

Only a text keypad can be used as a master keypad.

2.3 Keypad Indicators

The following table shows an overview and a description of the keypad indicator icons.

Keypad Indicator Icons	Status	Definition
1 2 3 .... ZONE (1-8)	on	Zone is triggered.
	off	Zone is normal.
	Fast flash (0.25 seconds lights on/ 0.25 seconds lights off)	Zone was alarmed or is in alarm status.
	Slow flash (1 second lights on/1 second lights off)	Zone is manually bypassed or interior Zone is in STAY arm mode.
AWAY	on	System is armed in AWAY mode.
	off	System not armed in AWAY mode.
	Slow flash (1 second lights on/1 second lights off)	Exit time.
	Fast flash (0.25 seconds lights on/ 0.25 seconds lights off)	Programming mode or code function mode. STAY indicator flashes simultaneously.
STAY	on	System is armed in STAY mode.
	off	System not armed in STAY mode.
	Slow flash (1 second lights on/1 second lights off)	Exit time.
	Fast flash (0.25 seconds lights on/ 0.25 seconds lights off)	Programming mode or code function mode. AWAY indicator flashes simultaneously. When bypass function is performed, only the STAY indicator flashes.
MAINS	on	AC main power is normal.
	Slow flash (1 second lights on/1 second lights off)	AC main power supply failed.
FAULTS	on	System fault or Tamper condition is present.
	off	System is in normal status.
	Flashes	System fault or tamper condition must be acknowledged.
	on	System is disarmed.

The following table shows an overview and a description of the keypad sound icons.

Sound Indicator	**Definition**
Short beep	A keypad button has been pressed.
Short beep, followed by a one-second beep	The requested operation is refused. Incorrect operation signal.
Two short beeps	The system accepted the code. The system executed the requested function.
One short beep every minute	Fault tone, unacknowledged system failure.
One short beep every two seconds	Exit time started.
Continued sound	– Last 10 seconds on exit time – Keypad fault or tamper sound (fault or tamper to be acknowledged) – Keypad alarm sound
Continuous 0.5 second beep, stops for 0.5 seconds	– Entry delay time (until alarm ends or system is disarmed) – Exit delay time (stops 10 seconds before exit delay stops)

2.4 Quick Keypad Operations Instructions

The following table shows an overview of the quick keypad operations and the corresponding user permissions. For information on changing codes and defining user permission levels, please refer to *Codes, page 24*.

Function	Command Default User Code = 2580	D	A	B	S	M 1	M 2	I N
Arm/Disarm								
AWAY Arm	[code] + [#] / [#] for 3 sec. (quick arm)	√	√	√	√	√	√	√
AWAY Arm All Areas (only on master keypad)	[code] + [0] [0] + [#]	√	√	√	√	√	√	√
Direct AWAY Arm (only on master keypad	[code] + [2-digit area no.] + [#]					√	√	√
STAY Arm	[code] + [*] / [*] for 3 sec. (quick arm)	√	√	√	√	√	√	√
STAY Arm All Areas (only on master keypad)	[code] + [0] [0] + [*]	√	√	√	√	√	√	√
Direct STAY Arm (only on master keypad	[code] + [2-digit area no.] + [*]					√	√	√
Disarm	[code] + [#]	√		√	√	√	√	√
Disarm All Areas (only on master keypad)	[code] + [#]	√		√	√	√	√	√
Display								
Display Info (Fault/Tamper Analysis)	[code] + [2] [1] + [#]					√	√	√
Bypass								
Bypass/Unbypass Zone	[code] + [3] [1] + [#] + [2-digit zone no.] + [#]			√	√	√	√	√
Bypass Fault/Tamper	[code] + [3] [4] + [#]					√	√	√
Reset								
Reset Fault/Tamper (In some country versions only the installer can reset a tamper alarm)	[code] + [6] + [#]					√	√	√
Macros								
Record Macro 1	[code] + [8] [1] + [#] + operation + [#] for 3 sec.				√	√	√	√

Record Macro 2	[code] + [8] [2] + [#] + operation + [#] for 3 sec.				√	√	√	√
Record Macro 3	[code] + [8] [3] + [#] + operation + [#] for 3 sec.				√	√	√	√
Play Macro 1	[code] + long press [1] / [1] for 3 sec. (quick macro)	*	*	*	*	*	*	√
Play Macro 2	[code] + long press [2] / [2] for 3 sec. (quick macro)	*	*	*	*	*	*	√
Play Macro 3	[code] + long press [3] / [3] for 3 sec. (quick macro)	*	*	*	*	*	*	√

Alarm commands								
Keypad Emergency Alarm	long press [1] and [3] or [*] and [#]					√	√	
Keypad Fire	long press [4] and [6]					√	√	
Keypad Medical Alarm	long press [7] and [9]					√	√	

Other Commands								
Switch to Master Keypad	[code] + [0] [0] [0] + [#] (only on text keypad)				√	√	√	√
Switch to Area 01-16	[code] + [0] [2-digit area no.] + [#] (only on text keypad)				√	√	√	√
Display all Event Log	[code] + [2] [2] + [#] (only on text keypad)					√		√
Display EN Event Log	[code] + [2] [3] + [#] (only on text keypad)					√		√
Display Dialer Event Log	[code] + [2] [4] + [#] (only on text keypad)					√		√
Siren Test	[code] + [4] [1] + [#]					√	√	√
Communication Test	[code] + [4] [2] + [#]					√	√	√
Walk Test	[code] + [4] [3] + [#]					√	√	√
Daylight Saving Time (+1h)	[code] + [5] [2] + [#]					√	√	√
Daylight Saving Time (-1h)	[code] + [5] [3] + [#]					√	√	√
Add/Change User Code	[code] + [5] [4] + [#]					√	√	√
Change Individual Code	[code] + [5] [5] + [#]					√	√	√
Call Back	[code] + [5] [7] + [#]					√	√	√
Change Language	[code] + [5] [8] + [#] + [2-digit no. for available languages] + [#] 01=EN; 02=DE; 03=ES; 04=FR ; 05=PT; 06=PL; 07=NL; 08=SE					√	√	√

Installer Access	[code] + [7] [1] + [#] (enable) [code] + [7] [2] + [#] (disable)					√	√	
System Reset	[code] + [9] [9] [8] [9] + [#]					√	√	√

D = Duress User

A = Arming User

B = Basic User

S = Super User

M1 = Master User 1

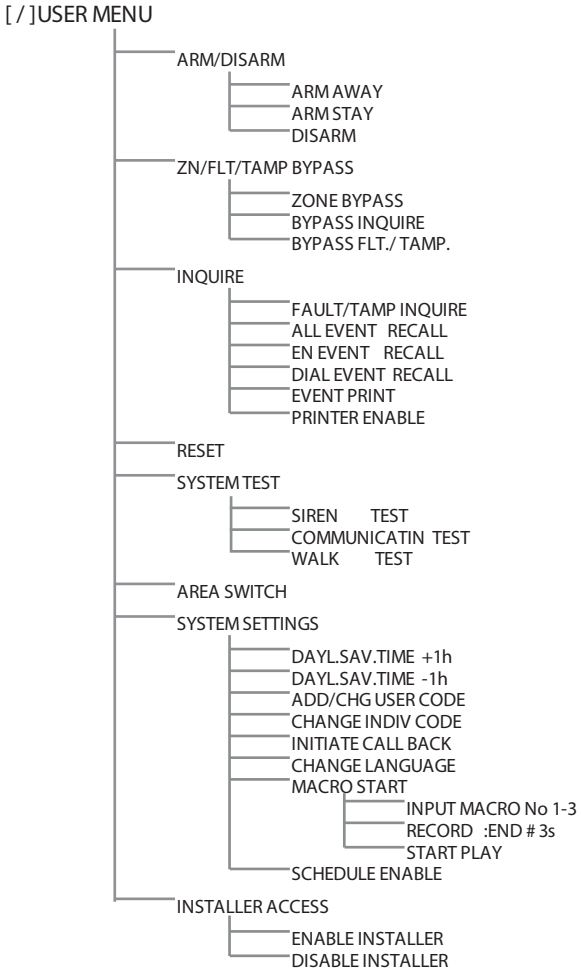
M2 = Master User 2

IN = Installer

* This function can be enabled/disabled individually for every user. For further information, please refer to *Add/Change User Codes, page 24*.

2.5 User Menu

The following table shows an overview of the user menu.



3 Arming and Disarming the System

3.1 Arming the System

Notice!

When the number of incorrect code entries on the keypad reaches a specified limit (configured by the installer), the keypad will automatically lock for 180 seconds and an alarm is reported. If the keypad is idle for one minute, the system will automatically exit from any operational mode.

3.1.1 Arming in AWAY Mode

The AWAY Mode is used to arm the premises to detect a would-be intruder, when you leave the premises and require that all zones are activated in a ready state.

Keypad Arming

There are two methods to arm your system in AWAY mode.

Method 1:

- ▸ Enter your code and press [#].
- ✓ The system beeps twice, the AWAY indicator flashes slowly and exit time starts. After the exit time, the AWAY indicator is lit.

Method 2 (Quick Arm):

- ▸ Press and hold [#] until the system beeps twice.
- ✓ The AWAY indicator flashes slowly and exit time starts. After the exit time, the AWAY indicator is lit.

Please contact your installer to enable/disable this function.

Telephone Remote Arming

Users can use a telephone to arm the system.

1. Dial the control panel number.
   The control panel answers the call and issues a long beep.
2. Press [#].

✓ When the panel receives the signal it confirms the arming of the control panel with a high tone.

Please contact your installer to enable/disable this function.

Notice!

Telephone remote arming is only possible when the system has only one assigned area.

Key Switch Arming

Users can use a key switch to arm the system.

- ▸ Activate the key switch.
- ✓ The AWAY indicator flashes slowly and exit time starts. After exit time, the AWAY indicator is lit.

Please contact your installer to enable/disable this function.

RADION RF Keyfob Arming

Users can use a RADION RF keyfob to arm the system.

- ▸ Press the arming button of the RADION RF keyfob.
- ✓ The AWAY indicator flashes slowly and exit time starts. After exit time, the AWAY indicator is lit.

Please contact your installer to enable/disable this function.

3.1.2 Arming in STAY Mode

The STAY Mode is used to arm the perimeter and unused areas of the premises to detect a would-be intruder, while at the same time being able to move freely within an area that is automatically isolated.

Keypad Arming

There are two methods to arm your system in STAY mode.

Method 1:

- ▸ Enter your code and press [*].
- ✓ The system beeps twice, the STAY indicator flashes slowly and exit time starts. After the exit time, the STAY indicator is lit.
- ✓ The lights corresponding to all zones programmed as automatically isolated zones (Interior Instant Zone) begin to flash and continue until the exit time is finished.

Method 2 (Quick Arm):

- ▸ Press and hold [*] until the system beeps twice.
- ✓ The STAY indicator flashes slowly and exit time starts. After the exit time, the STAY indicator is lit.

Please contact your installer to enable/disable this function.

RADION RF Keyfob Arming

Users can use a RADION RF four button keyfob to arm the system via the third button.

- ▸ Press the third button of the RADION RF four button keyfob.
- ✓ The STAY indicator flashes slowly and exit time starts. After the exit time, the STAY indicator is lit.

Please contact your installer to enable/disable this function.

3.1.3 Forced Arming

Arming the system when a zone is not sealed is known as forced arming.

If the AWAY indicator is not lit and a long beep sounds when you attempt to arm the system in AWAY mode, then forced arming is not permitted. In this case, you have to seal all zones or manually isolate them before you can arm the system.

Please contact your installer to enable/disable this function.

3.1.4 Arming with a Master Keypad

An optional master text keypad can be added if there is more than one assigned area on your system.
Please contact your installer to enable/disable this function.
The master keypad can be used to arm single or all assigned areas.

How to Arm All Areas in AWAY Mode:

- ▸ Enter your code + [0] [0] and press [#].
- ✓ The system beeps twice, the AWAY indicator flashes slowly and exit time starts. After the exit time, the AWAY indicator is lit and all areas are displayed as armed.

How to Arm All Areas in STAY Mode:

- ▸ Enter your code + [0] [0] and press [*].
- ✓ The system beeps twice, the STAY indicator flashes slowly and exit time starts. After the exit time, the STAY indicator is lit and all areas are displayed as armed.

How to Arm a Single Area in AWAY Mode (Direct Arm):

1. Enter your code and the two-digit number of the area you want to arm.
2. Press [#].

- ✓ The AWAY indicator flashes slowly and exit time starts. After the exit time, the AWAY indicator is lit and the selected area is displayed as armed.
- ▸ Repeat step 1 if you want to arm multiple areas.

How to Arm a Single Area in STAY Mode (Direct Arm):

1. Enter your code and the two-digit number of the area you want to arm.
2. Press [*].

- ✓ The STAY indicator flashes slowly and exit time starts. After the exit time, the STAY indicator is lit and the selected area is displayed as armed.
- ▸ Repeat step 1 if you want to arm multiple areas.

3.2 Disarming the System

3.2.1 Disarming with Code

- ▸ Enter your code and press [#].
- ✓ The system beeps twice and the AWAY or STAY indicator is extinguished.

3.2.2 Disarming with Key Switch

- ▸ Deactivate the key switch.
- ✓ The system is disarmed and the AWAY or STAY indicator is extinguished.

Please contact your installer to enable/disable this function.

3.2.3 Disarming with RADION RF Keyfob

- ▸ Press the disarming button of the RADION RF keyfob.
- ✓ The system is disarmed and the AWAY or STAY indicator is extinguished.

Please contact your installer to enable/disable this function.

3.2.4 Disarming with a Master Keypad

An optional master text keypad can be added if there is more than one assigned area on your system.

Please contact your installer to enable/disable this function.

The master keypad can be used to disarm all assigned areas.

How to Disarm All Areas

There are two methods to disarm your system via a master keypad.

Method 1:

1. Enter your code and press [#].
2. The system beeps twice and the AWAY or STAY indicator is extinguished. All areas are disarmed.

Method 2 (Quick Disarm):

- ▸ Press and hold [#] until the system beeps twice
- ✓ The AWAY or STAY indicator is extinguished. All areas are disarmed.

How to Disarm a Single Area (Direct Disarm):

1. Enter your code and the two-digit number of the area you want to disarm.
2. Press [#].

- ✓ The system beeps twice and the AWAY or STAY indicator is extinguished. The selected area is disarmed.
- ▸ Repeat step 1 if you want to disarm multiple areas.

4 Changing the Menu Language

The menu language of the AMAX panel can be changed.

Notice!

This function can only be operated with a text keypad.

How to Change the Menu Language:

1. Enter your code + [5] [8] and press [#].
   The available menu languages are displayed.
2. Enter the two-digit number for the desired language.
3. Press [#].

✓ The system beeps twice and the menu language is changed.

5 System Test

5.1 Siren Test

This function allows the users to test the siren.

- ▸ Enter your code + [4] [1] and press [#].
- ✓ The system beeps twice and the siren is activated for one second.

5.2 Communication Test

This function allows the users to send a test report to a central monitoring station.

1. Enter your code + [4] [2] and press [#].
   The system beeps twice and a test report is send.
   The keypad displays the status of the test report for all communication paths.
2. Press [#] to exit.

5.3 Walk Test Mode

This function allows users to test detection devices to ensure they are functioning correctly. Bypass any zones that are not required for testing before activating the walk test mode. During the walk test, no walk test report is sent out to the control panel system.

How to Select Walk Test Mode:

1. Enter your code + [4] [3] and press [#].
   The system beeps twice and the STAY and AWAY indicators flash.
2. Unseal and seal the zones to be tested.

✓ The system beeps. The siren beeps once each time a zone status is changed.

How to Exit Walk Test Mode:

- ▸ Enter your code + [4] [3] and press [#].

6 Bypassing

6.1 Bypassing/Unbypassing Zones

One or more zones can be disabled for one arming cycle. After bypassing a zone, you can arm the system even when a zone is in alarm state.

6.1.1 How to Bypass/Unbypass a Zone via Text Keypad

1. Enter your code + [3] [1] and press [#].
   The STAY indicator flashes fast. The available zones are shown. Already bypassed zones are checked. Unavailable zones are marked with an **x**.
2. Use [▲] and [▼] to display all zones.
3. Enter the two-digit zone number you wish to bypass/unbypass.
   The selected zone is checked/unchecked.
4. Repeat step 3 if you want to bypass/unbypass multiple zones.
5. Press [#] to confirm.
6. Press [#] to exit.

6.1.2 How to Bypass/Unbypass a Zone via LED/LCD Keypad

1. Enter your code + [3] [1] and press [#].
   The STAY indicator flashes fast. The lit number indicators show the bypassed zones. If no numbers are lit, no zones are bypassed yet.
2. Enter the zone number you want to bypass/unbypass.
3. Press [*].
   The system beeps twice. The corresponding number indicator is lit/extinguished.
4. Repeat step 2 if you want to bypass/unbypass multiple zones.
5. Press [#] to exit.

6.2 Bypassing Faults or Tamper Conditions

One or more faults or tamper conditions can be disabled for one arming cycle. After bypassing a fault or tamper condition, you can arm the system even when a fault or tamper condition exists.
Only zone tampers can not be bypassed.

How to bypass a Fault or Tamper Condition

- ▸ Enter your code + [3] [4] and press [#].
- ✓ The system beeps twice and fault or tamper conditions are bypassed.

7 Schedules

This function is used to schedule operations according to the needs of the users. The following operations can be scheduled:

– Arming/disarming
– Switching output on/off
– Activating/deactivating users

It is possible to schedule up to 16 operations on a daily or hourly basis.
Please contact your installer to enable/disable this function.

How to activate/deactivate a schedule

1. Enter your code + [▾] until you reach **SYSTEM SETTINGS**.
2. Press [#] + [▾] until you reach **SCHEDULE ENABLE**.
3. Press [#].
4. Select **SCHED ENABLE** and press [#].
   The available schedules are shown. Already selected schedules are checked.
5. Use [▴] and [▾] to display all schedules.
6. Enter the two-digit schedule number you wish to activate/deactivate.
   The selected schedule is checked/unchecked.
7. Repeat step 6 if you want to activate/deactivate multiple schedules.
8. Press [#].
9. Press [-] twice to exit.

8 Macros

Macros are used to assign complicated or often used operation to one button to simplify the operation of the system. It is possible to record up to three macros.

Notice!

This function can only be operated with a text keypad.

8.1 Recording Macros

How to Record a Macro

1. Enter your code + [8] and the number to which you want to assign the macro. (Possible numbers are 1, 2 and 3.)
2. Press [#].
   The system beeps twice.
3. Perform the operation you want to assign to the macro.
4. Press [#] for three seconds.

✓ The system beeps three times. The macro is recorded and the operation is executed.

Example of Recording a Macro: Bypassing a Zone

This example shows how to assign macro 1 to bypassing zone 3. This can be useful if you want to bypass zone 3 on a regular basis.

In this example there are no bypassed zones yet.

1. Enter your code + [8] [1].
2. Press [#].
3. The system beeps twice.
4. Enter your code + [3] [1] + [#] for bypassing zones (see also *Bypassing/Unbypassing Zones, page 20*).
   The STAY indicator flashes fast. The available zones are shown. Unavailable zones are marked with an **x**.
5. Enter [0] [3] for bypassing zone 3.
   Zone 3 is checked.
6. Press [#] to confirm.
7. Press [#] to exit the bypass menu.
8. Press [#] for three seconds to exit the record macros menu.

✓ The system beeps twice. The macro 1 for bypassing zone 3 is recorded. Zone 3 is bypassed.

8.2 Playing Macros

How to Play a Macro
There are two methods to play a macro.

Method 1:

- ▸ Enter your code and press the number on which the macro is assigned for three seconds. (Possible numbers are 1, 2 and 3.)
- ✓ The system beeps and the operation which is assigned to the macro is executed automatically.

Method 2 (Quick Play):

- ▸ Press the number on which the macro is assigned for three seconds. (Possible numbers are 1, 2 and 3.)
- ✓ The system beeps and the operation which is assigned to the macro is executed automatically.

Please contact your installer to enable/disable this function.

Notice!
Please note that the play function has to be enabled/disabled individually for every user.
Please refer to *Add/Change User Codes, page 24*.

Example of Playing a Macro: Bypassing a Zone
This example shows how to play macro 1 for bypassing zone 3 (see the example in *Recording Macros, page 22*).

- ▸ Enter your code and press [1] for three seconds.
  The system beeps and the macro 1 is executed automatically.
- ✓ If zone 3 was unbypassed before playing macro 1, it is bypassed now.
- ✓ If zone 3 was bypassed before playing macro 1, it is unbypassed now.

9 Codes

9.1 Add/Change User Codes

This function is used if you want to add a code for a new user or if you want to change the user permission levels or the code of an existing user. Only master users can add or change user codes.

Notice!
This function can only be operated with a text keypad.

How to Add/Change User Codes

1. Enter your code + [5] [4] and press [#].
   The system beeps twice and the STAY and AWAY indicators start flashing.
2. Enter a user number (1-64) and press [#].
   The current user permission level for this user is shown. (Default for user number 2-64 is **15-Not used**)
3. Select the desired user permission level. You can choose the following user permission levels for a code:
   0-Master1 code
   1-Master2 code
   2-Super code
   3-Basic code
   4-Arming code
   5-Duress code
   15-Not used
   Please refer to *Quick Keypad Operations Instructions, page 10* for a description of the user permission levels.
4. Press [#] twice.
   The available areas are shown. Already selected areas are checked.
5. Use [▲] and [▼] to display all areas.
6. Enter the two-digit area number you wish to enable for the user or enter [0] [0] if you want to enable all areas.
   The enabled area is checked.
7. Repeat step 6 if you want to enable multiple areas for the user.
8. Press [#].
   The available macros are shown. Already selected macros are checked.
9. Enter the two-digit macro number you wish to enable for the user.
   The enabled macro is checked.
10. Repeat step 9 if you want to enable multiple areas for the user.
11. Press [#].
12. Enter a (new) code with a default length of four digits. (A code with five or six digits is also possible but has to be enabled by the installer.)
13. Press [#].
14. Optionally enter a keyfob ID manually.
    Or
    Press and hold [*] for three seconds to switch to the **KEYFOB ID: AUTO** menu.
    Trigger the keyfob to give alarm once.

The keyfob ID will be entered automatically.

15. Press [#].
16. Optionally select the keyfob button 3 function.
17. Press [#].

✓ The system beeps twice. The new user code is added/changed.

▸ Press [-] twice to exit.

Notice!

This function is automatically terminated if you do not press a button within 240 seconds or if you press [#]. One long beep indicates that the code already exists or that you entered an incorrect user number.

9.2 Change Individual Code

This function allows users to change the individual user code.

1. Enter your code + [5] [5] and press [#].
   The system beeps twice and the STAY and AWAY indicators start flashing. The current user code is displayed.
2. Enter a new code with a default length of four digits. (A code with five or six digits is also possible but has to be enabled by the installer.)
3. Press [#].

✓ The system beeps twice and the STAY and AWAY indicators stop flashing. The user code is changed.

10 Keypad Alarm Operation Commands

10.1 Keypad Panic Alarm

- ▸ Press and hold [1] + [3] or [+] + [#] for three seconds.
- ✓ A silent panic alarm is transmitted.

Please contact your installer to enable/disable this function.

10.2 Keypad Fire Alarm

- ▸ Press and hold [4] + [6] for three seconds.
- ✓ A silent keypad fire alarm is transmitted.

Please contact your installer to enable/disable this function.

10.3 Keypad Medical Alarm

- ▸ Press and hold [7] + [9] for three seconds.
- ✓ A silent keypad medical alarm is transmitted.

Please contact your installer to enable/disable this function.

11 Domestic Dialing

11.1 Domestic Dialing Alarm

When a zone tamper or zone alarm is activated, the control panel can dial a phone number of a contact person. A maximum of four numbers can be dialed by the control panel during an alarm.

Indication of Domestic Call Alarm:
Domestic call 1 (1 alarm tone)
Domestic call 2 (2 alarm tones)
Domestic call 3 (3 alarm tones)
Domestic call 4 (4 alarm tones)
Please contact your installer to enable/disable this function.

11.2 Confirming the Domestic Call

All alarm events need acknowledgement. The transmission sequence is repeated until the control panel receives an acknowledgement tone. The control panel automatically closes the line after 45 seconds if it can not detect the acknowledgement tone and redial later.

- ▸ Press [#] between two acknowledgement tones to confirm the alarm.
- ✓ The system beeps for two seconds and closes the line.

12 Event Log Recall Mode

This function allows users to playback the last 254 events saved in each event log on the text keypad.

All Event Log	all events are logged
EN Event Log	only mandatory EN 50131-3 events are logged
Dialer Event Log	only mandatory EN 50136 events are logged

12.1 How to Select All Event Log Recall Mode

- ▸ Enter your code + [2] [2] and press [#].
- ✓ The system beeps twice and the event logs are displayed.
1. Use [▲] and [▼] to display all event logs.
2. Press [#] to exit.

12.2 How to Select EN Event Log Recall Mode

- ▸ Enter your code + [2] [3] and press [#].
- ✓ The system beeps twice and EN event logs are displayed.
1. Use [▲] and [▼] to display all EN event logs.
2. Press [#] to exit.

12.3 How to Select Dialer Event Log Recall Mode

- ▸ Enter your code + [2] [4] and press [#].
- ✓ The system beeps twice and dialer events are displayed.
1. Use [▲] and [▼] to display all dialer event logs.
2. Press [#] to exit.

13 Faults and Tamper Conditions

Whenever a system fault or tamper condition occurs, the FAULT indicator flashes and the keypad beeps.

Notice!

This operation is only possible in disarmed status.

13.1 System Fault or Tamper Analysis Mode via Text Keypad

To display the fault or tamper analysis for describing a system fault or tamper condition, perform the following steps:

1. Enter your code + [2] [1] and press [#].
   The system beeps twice and the fault or tamper conditions are displayed.
2. Use [▲] and [▼] to display all fault or tamper conditions.
3. Press [#] to exit.

13.2 System Fault or Tamper Analysis Mode via LED/LCD Keypad

To display faults and tampers via a LED/LCD keypad, perform the following steps:

1. Enter your code + [2] [1] and press [#].
   The system beeps twice. The FAULT indicator is extinguished and the STAY and AWAY indicators flash. One of the number indicators is lit. Example: 2.
2. Enter the number that is lit in the system. Example: 2.
   One of the number indicators is lit. Example: 1.
3. Repeat step 2 until there is no number lit anymore.
4. Refer to the table Types of fault or tamper conditions for a description of the fault or temper. The consecutively lit number indicators correspond to fault or tamper types. Example: 2 – 1, which indicates a panel AC failure.
5. If necessary press [0] to return to step 2.
6. Press [#] to exit.

✓ The STAY and AWAY indicators are extinguished and the FAULT indicator is lit.

Lit number indicators			Description of the fault or tamper
First	Second	Third	
1			Accessory module failure
1	1		Network/IP module 1 failure
1	1	1 - 2	Network/IP module 1 - 2 failure
1	2		Output expansion module failure
1	2	1 - 2	Output expansion module 1 – 2 fault
1	3		Input expansion module failure
1	3	1 - 6	Input expansion module 1 - 6 failure
1	4		Printer failure
1	4	1	Module DX4010 missing
1	4	2	Printer missing
1	4	3	Printer fault
1	5		RF receiver failure
1	5	1	RF receiver 1 fault
1	5	2	RF receiver 1 missing
1	5	3	RF receiver 1 jammed
1	6		RF sensor failure
1	6	1	RF sensor missing*
1	6	2	RF sensor fault*
1	7		RF repeater failure
1	7	1 – 8	RF repeater 1 – 8 missing
1	8		RF config failure
1	8	1	Configuration conflict sensors*
1	8	2	Configuration conflict repeaters*
1	8	3	Configuration conflict keyfobs*
2			Power failure
2	1		Panel AC failure
2	2		Panel low battery
2	3		Panel Aux power failure
2	3	1 - 2	Panel Aux power 1 – 2 fault
2	4		Bosch option bus power failure
2	4	1 - 2	Bosch option bus 1 – 2 power fault
2	5		RF repeater AC power failure

2	5	1 - 8	RF repeater 1 – 8 AC power fault
2	6		RF repeater battery failure
2	6	1 – 8	RF repeater 1 – 8 battery fault
2	7		RF sensor power failure*
2	8		RF keyfob battery failure*
3			Output failure
3	1		Onboard output 1 fault
3	2		Onboard output 2 fault
4			Keypad failure
4	1 - 16		Keypad 1 – 16 failure
5			System failure
5	1		Date time not set
6			Communication failure
6	1		Communication fault 1
6	2		Communication fault 2
6	3		Communication fault 3
6	4		Communication fault 4
6	5		Phone line fault
7			Tamper
7	1		System tamper
7	2		Keypad tamper
7	2	1 - 16	Keypad 1 - 16 tamper
7	3		Zone expansion module tamper
7	3	1 - 6	Zone expansion module 1 -6 tamper
7	4		Zone tamper DEOL
7	4	1 - 16	Sensor tamper DEOL
7	5		Zone type tamper
7	5	1 – 16	Zone type 1 – 16 tamper
7	6		Keypad Lock out
7	6	1	Keypad Lock out
7	7		RF receiver tamper
7	7	1	RF receiver tamper
7	8		RF repeater tamper
7	8	1 – 8	RF repeater tamper

8			External failure
8	1 - 16		External fault zone 1 - 16

Table 13.1: Types of fault or tamper conditions

* In case one or more faults occur in this category

14 Resetting the Control Panel

This function allows users to reset all alarms, faults and tamper conditions.

Notice!

You can only reset alarms, faults or tamper conditions when they are not active anymore.

- ▸ Enter your code + [6] [#].
- ✓ The system beeps twice and the signal is eliminated.

15 Troubleshooting

Please contact your installer in case of problems or any unexpected behavior of the system.

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